

*Carroll Shelby*



**SHELBY**  
VEHICLE SECURITY AND STARTERS



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# CS-500S Owner's Manual

Carroll Shelby means  
**Second to None** in Auto Security  
and Remote Start Systems

**SHELBY**

## WARRANTY

### **Shelby Auto Security Warranty Information**

Product warranty returns must only be submitted by an authorized dealer.

All Shelby models have a Limited Lifetime Warranty on the main control module.

All parts excluding the control module have a two year warranty against defects in workmanship. This includes the shock sensors, remote transmitters and sirens. The control module will be repaired or replaced at our discretion for up to a 24 month period at no charge. After 24 months a \$30.00 fee will be charged for repair or replacement of the control module.

Removal and reinstallation charges are not the responsibility of JBS Technologies, LLC the manufacturer of Shelby. Warranty registration must be completed within 14 days of the original date of purchase. Registration can be mailed in or performed on line at [www.shelbyautosecurity.com](http://www.shelbyautosecurity.com). JBS Technologies makes no warranty against the theft of a vehicle or its contents. This warranty only extends to the original system purchaser and the vehicle it was originally installed on.

#### **Limitation of Remedies**

The purchasers remedy is limited to the repair or replacement of the unit and in no event shall exceed the purchase price. Incidental, consequential and or indirect damages are expressly disclaimed. No person or entity is authorized to alter or amend this limited lifetime warranty.




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### LCD REMOTE CONTROL TRANSCEIVER

4. Press the **F** button once again then the "Minutes" digit flashes for adjusting.
5. Press the \* or  button to decrease or increase the "Minute" digit until **2:30**.
6. Press the **F** button once again then  icon flashes for the alert alarm "ON / OFF" setting
7. Press the  button to start the count down timer, and the "ON" icon will display on the LCD screen. Press the \* button to stop the count down timer, and the "OFF" icon will display on the LCD screen.
8. Press the **F** button for **2 seconds** with one-melody sound to confirm exiting the timer program mode.

**Note: Maximum is 19 hours.**
























### IMPORTANT NOTICE

#### WARNINGS:

- As with any product that performs automatic functions, there are certain safety precautions that you must practice and be aware of.
1. Keep ALL transmitters out of the reach of children.
  2. The use and operations of this system is the sole responsibility of the operator.

### OPERATION

#### A. REMOTE TRANSMITTER OPERATION:

Transmitter Button	System Function or Feature	Remark
	Lock Doors & Arm System	
 - 	Arm and Delete The 2 Stage Shock Sensor.	Press twice within 3 seconds
 -  - 	Arm and Noiseless Mode	Press within 3 seconds
 - 	Arm System and Hidden Alarm Function	Press within 3 seconds
 + 	Silent Arming / Disarming	Ignition in "off" position.
 +  (2-sec.)	Active Anti Car-Jacking Mode	Ignition in "on" position press and hold for 2 seconds
	Unlock Doors & Disarm System	
 - 	Two Steps Door Unlock & Disarm System	Press twice within 3 seconds.
 (2-sec.)	Trunk Release (Channel 3)	Press and Hold for 2 seconds
 - 	Passive Arming By-pass	While the system Disarmed.
 -  - 	Remote Control Entry/Exit Valet Mode	While the system Disarmed, Press within 3 seconds
 + 	Channel # 4 Timer Output	
*	Car Locator	
* (3-sec.)	Panic function	Press and Hold for 3 seconds.

## OPERATION

### B. TWO-WAY LCD REMOTE CONTROL TRANSCEIVER OPERATION:

Transceiver Button	System Function	Remark
<b>F - (C)</b>	System's Trigger Check	Press within 3 seconds
<b>F - F - (C)</b>	System's Status Check	Press within 3 seconds
<b>F - (b)</b>	Optional Driving Pager	Press within 3 seconds
<b>F (1 sec.)</b>	LCD screen lamp turns on for 5 seconds.	Press and hold for 1 second
<b>F - F - F</b>	Clear the Flash Icon and Melody Sound on the LCD Screen Transmitter	Press within 3 seconds

### C. LED Status Display Chart:

LED	Status	LED	Status
Off	Disarmed	2 flashes... pause	Zone 2 / Trigger on Trunk/Hood
Slow flash	Armed	3 flashes... pause	Zone 3 / Trigger on Door Switch
Fast flash	Passive arming	4 flashes... pause	Zone 4 / Trigger on Shock Sensor
On (solid)	Valet mode	5 flashes... pause	Zone 5 / Trigger on Ignition Switch

### D. Chirp Indicators

1 Chirp	Arm
2 Chirps	Disarm
3 Chirps	Ajar Warning
6 Chirps	Car Locator

### E. Parking Light Indicator Display Chart:

1 Flash	Arm
2 Flashes	Disarm
3 Flashes	Triggered
12 Flashes	Car Locator

### F. SYSTEM OPERATING CONDITION:

	Siren, Horn	Parking Light	LED	Doors	Starter	Dome Light
1. Arming	1 or 3 Chirps	1 Flash	Slow Flash	Locking	Disable	
2. Disarming	2 or 4 Chirps	2 or 3 Flashes	Fast Flash or Off	Unlocking		Turns on for 30 seconds
3. Trigger	Alarming	Flashes	Slow Flash		Disable	Flashes
4. Panic	Alarming	Flashes				Flashes
5. Car-Jacking	Alarming	Flashes			Disable	Flashes
6. Car Locator	6 Chirps	12 Flashes				

## LCD REMOTE CONTROL TRANSCEIVER

### 1. Timer Setting: Example to 10:30 AM

1. Press & hold the **F button for 3 seconds**, with two-melody sounds and the **"Hours"** digit flashing for adjusting.
2. Press the **\* or ↵ button** to decrease or increase the **"Hour"** digit until 10:00xx
3. Press the **F button** once again then the **"Minute"** digit flashes for adjusting.
4. Press the **\* or ↵ button** to decrease or increase the **"Minutes"** digit until **10:30AM**.
5. Press the **F button for 2 seconds** with one-melody sound to confirm exiting the timer program mode.

### 2. Alarm Timer Setting: Example to 6:30 PM

1. **Press and hold the button for 3 seconds**, with two-melody sound and the **"Hours"** digit flashing for adjusting.
2. Press the **F button twice**, the LCD screen will show the **🕒** icon and the **"Hours"** digit will flash for adjusting.
3. Press the **\* or ↵ button** to decrease or increase the **"Hour"** digit until **6:xxPM**.
4. Press the **F button once** again then the **"Minutes"** digit flashes for adjusting.
5. Press the **\* or ↵ button** to decrease or increase the **"Minutes"** digit until **6:30PM**.
6. Press the **F button once** again then **🕒** icon flashes for the alarm **"ON or OFF"** setting.
7. Press the **\* button** to stop the **"Alert Alarm Timer"**, and the **"OFF"** icon will show on the LCD screen.
8. Press **F button for 2 seconds** with one-melody sound to confirm exiting the timer program mode.

### 3. Count Down Timer Setting: Example Set count down timer at 2:30.

1. **Press and hold the F button for 3 seconds**, with two-melody sounds and the **"Hours"** digit flashing for adjusting.
2. Press the **F button 5 times**, the LCD screen will show the **🕒** icon and the **"Hours"** digit is flashes for adjusting.
3. Press the **\* or ↵ button** to decrease or increase the **"Hour"** digit until **2:xx**.

## LCD REMOTE CONTROL TRANSCIEVER

### D. TIMER SETTING CHART:

Transceiver Button	Description	Press Transceiver Button
1 Press and hold the <b>F</b> button for 3 sec.	<b>Timer Setting (Hour)</b> *Flash digit for adjusting	* for - and ↵ for +
Press the <b>F</b> button once	Time setting (Minute) *Flash digit for adjusting	* for - and ↵ for +
2 Press the <b>F</b> button once.	<b>Alert Alarm Time Setting (Hour)</b> *Flash digit for adjusting	* for - and ↵ or +
Press the <b>F</b> button once	Alert Alarm Time Setting (Minute) *Flash digit for adjusting	* for - and ↵ for +
Press the <b>F</b> button once	Alert Alarm Setting ON/OFF	* for OFF and ↵ for ON
3 Press the <b>F</b> button once	<b>Count Down Timer Setting (Hour)</b> *Flash digit for adjusting (Max.19 hours 59 minutes)	* for - and ↵ for +
Press the <b>F</b> button once	Count down Timer Setting (Minute) *Flash digit for adjusting	* for - and ↵ for +
Press the <b>F</b> button once	Count down Timer Setting ON/OFF	* for OFF and ↵ for ON

**EXIT:** Press and hold the **F** button for 2 seconds or leave it for 10 seconds and the system will automatically exit the programming mode.

## OPERATION

### G. ACTIVE ARMING – LOCK AND ARM:

1. Press the **🔒** button on the transmitter.
2. The siren will chirp **(1) time** and the parking lights will flash **(1) time** indicating that the system is **now Armed**. The vehicle's doors will lock upon arming.

### System Arm Door Ajar Trunk/Hood Ajar



**Clear The Flash Icon:**  
Pressing the **F** button 3 times within 3 seconds will clear the flash icon on the LCD screen transmitter.



**AJAR WARNING:** If the siren **chirps (3) times**, you have left a door, trunk, or hood lid ajar. (See Alarm Feature I-3 Programming.)

**SILENT ARMING / DISARMING:** Pressing the transmitters **🔒** and **🔓** buttons at the same time will **arm or disarm** your security system.. No chirping sound will be heard and the arm / disarm confirmation will be visible with the **parking lights only**.

**SHOCK SENSOR BY-PASS:** Pressing the **🔒** button on the transmitter **(2) times within 3 seconds** will arm the security system and by-pass the shock sensor. The system will chirp **one additional time** to confirm the sensor bypass mode was activated. The sensor bypass feature is programmed to activate for **(1) arming cycle** only. The security system will return to normal operation during the next arming cycle.

**NOISELESS MODE:** Press the **🔒** button **(1) time** to arm the system.. Press the **🔒** button **(2) more times within 3 seconds:** The siren will chirp **(1) more time**. The system is now in "Noiseless Mode". In Noiseless mode the zone 4 shock sensor timer will be reduced from 30 seconds to 15 seconds. The noiseless feature is programmed to activate for **(1) arming cycle only**. The security system will return to normal operation during the next arming cycle.

## OPERATION

**HIDDEN ALARM FUNCTION:** Press the  button first then within 3 seconds, press the  button to activate the "Hidden Alarm Function". The security system will arm and be in "Hidden Alarm Function". The siren or horn will be silenced even if the sensor is triggered in the armed status.




**H. PASSIVE ARMING** (See Alarm Feature II-2 Programming.) **Active Arming / Disarming** will allow you to operate your security system with the **remote transmitter only**. This security system is equipped with an **optional "Passive Arming" feature**, which allows the security system to automatically arm 30 seconds after the last door is closed.

### To enter Passive Arming:

1. Turn the ignition to the "OFF" position and exit the vehicle.
2. After all entrances are closed, the security system LED will flash fast for 30 seconds. If you re-open the doors, hood or trunk, the security system LED will stop flashing. It will begin flashing again once the vehicle's entrances are closed.
3. After the 30-second timer has elapsed, the security system will automatically "ARM". The siren will [1] chirp and the parking lights will flash [1] time and remain ON for 10 seconds.


### PASSIVE DOOR LOCKING:

The vehicle doors will **automatically lock** after passive arming cycle has been completed.




**PASSIVE ARMING BY-PASS:** While the system is disarmed, press the  button **twice**, the system will respond with [1] chirp and the LED will turn "ON". The security system will remain in this temporary state until exited. To exit **Passive By-pass**, press the transmitters  or  buttons and the system will return to normal status.

## LCD REMOTE CONTROL TRANSCIVER

### 8. Low Battery Indication:

When the power of the battery weakens, it has [2] short beep sounds and the  icon will flash while pressing the button of the LCD screen transceiver.



### 9. Set Up Fixed Count Down (Parking) Timer:

1. Press the **F button first**, within **3 seconds** press and hold the  button for **2 seconds**, the LCD screen will show the icon and timer (ie.0:10).
2. Press the  button again showing next order time on the screen (ie.0:20), press them again (ie.0:30) and so on.
3. The buttons will start counting down then the  icon will flash.

- Note:**
1. The count down period is fixed as 10 minutes, 20 minutes, 30 minutes, 1 hour, 1.5 hours and 2 hours maximum.
  2. When the count down timer is showing 0:00 that means to turn off the timer.
  3. Press **F button** for real time indication when the timer is counting down.

### 10. Out Of Range Indication:

If this feature is selected, the security system will automatically **check the range every 20 minutes** after the system is armed.

1. If the user is within range, the  icon will display on the LCD screen.
2. If user is out of range, it has five short beeps sounds and the  icon will disappear on the LCD screen.



## LCD REMOTE CONTROL TRANSCIVER

- 1. Screen Lamp ON:** Press and hold the **F** button for [1] second, the melody will sound and the LCD screen light will turn "ON" for 5 seconds.
- 2. Power Save Mode:** While in power save mode, the LCD remote transmitter uses "0" current to save the battery power.  
**Entry:** Press and hold the **F** button for 5 seconds, with one melody sound and **SAVE** icon on the screen to indicate entry of the "power save mode".  
**Exit:** Press any button on the LCD remote transmitter to exit the "power save mode".
- 3. Clear the Flash Icon and Melody Sound:** Pressing the **F** button 3 times within 3 seconds will clear the flashing icon and the melody sound on the LCD screen transceiver.
- 4. Stop The Trigger Melody Sound:** While triggering the alarm the LCD screen will alert the user through a melody sound and flashing trigger icon, press any button on the LCD remote transmitter to stop the melody sound only.
- 5. Button Lock:** It is useful if you want to disable the transmission function of the remote transmitter temporarily to prevent any accidental pressing of buttons. Press the **F** button then within 3 seconds press and hold the **LOCK** button for 2 seconds to activate or cancel the button lock function, the icon will display on the LCD screen to show the LCD remote transmitter is on "button lock".
- 6. Vibration / Melody Mode:** It is useful when you are in a noisy place and difficult to hear the beep sounds from the remote control. The remote will vibrate when the security system is violated. Press the **F** button first, then within 3 seconds press and hold the **VIB** button for 2 seconds to select the mode of vibration or melody. The **VIB** icon will be displayed on the LCD screen to show the remote transceiver is on vibration mode.
- 7. Enable/Disable Bi Sound while Pressing Button:**  
 It has a short "bi" sound while pressing the **\*** button of the LCD remote transmitter. If you want to mute the sound, press the **F** button first then within 3 seconds press and hold the **\*** (**Bi**) button for 2 seconds to disable the sound.



## OPERATION

### I. ACTIVE DISARMING – UNLOCK AND DISARM:

1. Press the **UNLOCK** button on the transmitter.
2. The siren will **chirp [2] times** and the parking lights will **flash [2] times** and then remain "ON" for **30 seconds** to indicating that the security system is now "Disarmed".
3. The vehicle's doors will unlock and the dome light will turn on for 30 seconds upon disarming.

#### System Disarm



#### Doors Trigger



#### Trunk/Hood Trigger



#### Shock Sensor Trigger



#### Ignition Trigger



**CLEAR THE FLASH ICON:** Pressing the **F** button 3 times within 3 seconds will clear the flash icon on the LCD screen transceiver.

**TAMPER DISARMING:** If the alarm is triggered, upon disarm of the system, the siren will **chirp 4 times** and the parking lights will **flash 3 times**.

**PATHWAY ILLUMINATION:** This feature turns the parking light "ON" for 30 seconds upon an unlock signal and for 10 seconds for a lock signal.

**Two Step Door Unlock:** This feature will independently **unlock the driver's door only** when disarming the security system. Pressing the **UNLOCK** button a second time **within 3 seconds** will **unlock the other doors**.

**Automatic Rearm:** If this feature is selected, the security system will automatically re-arm itself in 60 seconds after disarming with the remote transmitter. "**Automatic Rearm**" will **cancel if any door is opened before the 60 second timer has elapsed**.

## OPERATION

### J. DISARMING WITHOUT A TRANSMITTER

#### Overriding the Alarm without a Password Pin Code: (Factory Default Setting)

The Override function may be used if the remote transmitter is lost or inoperative.

1. Enter the vehicle and turn the ignition switch to the "ON" position. **(The alarm will sound.)**
2. Within **10 seconds** push and release the **valet/program switch**. The alarm will stop sounding and enter the disarm mode. You can now start and operate the vehicle normally.

#### Override the Alarm with Password Pin Code: (See Alarm Feature IV-2 Programming.)

Unlike the valet switch easily found and defeated, this security system allows the consumer to program a password pin code. This feature will offer a **higher level of security protection**

#### To Operate Password Pin Code:

1. Enter the vehicle and turn the ignition switch to the "ON" position. **(The alarm will sound.)**
2. **Within 5 seconds**, enter your chosen first digit code by pressing and releasing the **valet/program switch**.
3. **Within 15 seconds** of the last digit code enter (the 1st code), turn the ignition switch "OFF" and then back to the "ON" position.
4. **Within 15 seconds**, enter your chosen second digit code by pressing and releasing the **valet/program switch**.
5. Turn the ignition switch to the "OFF" position. **[4] Chirps** from the siren or horn and **[3] flashes** from the parking lights will indicate the system was **disarmed**.

#### Example: To Override the System with the Password Code 83, you would;















1. Enter the vehicle and turn the ignition switch to the "ON" position. **(The alarm will sound.)**
2. **Within 5 seconds**, press and release the **valet/program switch 8 times**.

## LCD REMOTE CONTROL TRANSCIVER

### C. PROGRAMMING THE LCD REMOTE TRANSMITTER:

Transmitter Button	Description	Operation
<b>F</b> (1 sec.)	LCD Screen Lamp Turns On for 5 Sec.	Press and hold for 1 sec. 1 melody sound will confirm.
<b>F</b> (3 sec.)	Timer Programming Mode	Press and hold for 3 sec. 2-melody sounds will confirm.
<b>F</b> (5 sec.)	Power Save Mode	Press and hold for 5 sec. 1 melody sound will confirm.
<b>F- F- F</b>	Clear the Flash Icon and Melody Sound on the LCD Screen Transmitter	Press within 3 sec.
<b>F- 🔒</b> (2-sec.)	Button Lock (🔒) enable / disable	Press within 3 sec.
<b>F- 🔔</b> (2 sec.)	Melody / Vibration (🔔)	Press within 3 sec.
<b>F- 🕒</b> (2-sec.)	Program Count Down (Parking) Timer (10-Minute/20M/30 M/1Hour/1.5H/2.0H)	Press within 3 sec. cycling leave the buttons starting count down then 🕒 flashes
<b>F - *</b> (2 sec.)	Enable/disable Bi sound (Bi) while pressing button	

## LCD REMOTE CONTROL TRANSCEIVER

-  **Remote Transmission**  
You are transmitting the signal to the control unit.
-  **Door Open Warning**  
Doors are opened. (Zone 3)
-  **Shock Sensor Trigger**  
Trigger on Shock Sensor (Zone 4)
-  **Time Monitor**
-  **Count Down (Parking) Timer**  
Reminder when your time is up for parking.
-  **Vibration Mode**  
Remote vibrates when the system is triggered.
-  **Driver Paging**  
Someone is paging you in front of your vehicle.
-  **In-Range Indicator**  
The system is within the remote control range.
-  **Trunk/Hood Trigger**  
Trunk or Hood is opened. (Zone 2)
-  **Warn Away Trigger**  
Trigger on Shock Sensor (Zone 1)
-  **Alert Alarm**  
You have set morning call alarm.
-  **Power Save Mode**  
Save the battery power. system is triggered.
-  **Button Lock**  
Disable the transmission function temporarily.
-  **Low Battery**  
Your must replace the battery in the remote control.

## OPERATION

3. **Within 15 seconds** of the last digit code enter, turn the Ignition switch from "Off" to "ON".
4. Within 15 seconds, press and release the **valet/program switch 3 times**.
5. Turn the ignition switch to the "Off" position. [4] Chirps from the siren or horn and [3] flashes from parking lights will indicate the system was disarmed.

### K. VALET MODE: (Disarm or Valet mode)

The **valet/program switch** allows you to temporarily **bypass all alarm functions**, eliminating the need to hand your transmitter to parking attendants or garage mechanics. When the system is in "valet mode", all alarm functions and remote starter functions are bypassed, however the remote panic feature and remote door locks will remain operational. To use the valet mode, the system must first be disarmed either by using you remote transmitter, or by operating the manual override sequence.


#### To Enter Valet Mode:

1. With the unit **DISARMED**, turn ignition to the "ON" position.
2. Press and hold the **valet/program switch for 2 seconds** or until the LED turns on. The LED will remain on and solid for as long as the system is in "Valet Mode".

#### To Exit Valet Mode:

1. Returning to normal operation, turn ignition switch to the "ON" position.
2. Press and hold the **valet/program switch for 2 seconds**. The LED will turn "OFF" indicating the system is **out of "Valet Mode"**.

### Remote Valet: ( Disarm or Valet mode)

Press and release the  button on the transmitter **three times** within **3 seconds** to **enter or exit valet mode**. [1] parking light flash will confirm you have **entered "Valet Mode"** and [2] parking light flashes will confirm you have **exited "Valet Mode"**.

### Remote Door Lock



### Remote Door Unlock



## OPERATION

### L. CAR FINDER:

With the unit Armed, press the \* button to activate the **Car finder function**. The siren will **chirp 6 times** and the parking lights will **flash 12 times** to locate your vehicle.



### M. PANIC FUNCTION:

The transmitter can be used as a remote panic button to manually trigger the alarm **in case of emergency**.

**To enter "Panic Mode":**

1. Press and hold the \* button for **3 seconds**. The alarm will immediately sound.
2. During "**Panic Mode**", the normal function of this transmitter button will be suspended. The transmitters and buttons can be used to lock and unlock the doors, however once the button is pressed, the vehicle's starter disable device, (if installed) will be disabled allowing the vehicle to start.
3. To stop the alarm, press and hold the \* button on the transmitter again for 3 seconds. Also, if any transmitter button other than \* or or is pressed and released, the panic mode will be turned off immediately.
4. If the button is not pressed, the alarm will automatically stop after 30 seconds.



### N. TRIGGER THE ALARM SYSTEM

When **Armed**, your vehicle is protected as follows:

1. Light impact will trigger the **warn-away signal**.
2. Heavy impacts, doors opening, hood opening, trunk opening or turning the ignition "**ON**" will trigger the programmed sequence. The starter disable relay (if installed) prevents the vehicle's starter from cranking. The **siren, horn, parking lights, and dome light will turn on** to alert an intrusion for 30 seconds. The system will then stop and automatic reset or re-arm. If one of the sensors or detectors is active, the alarm system will sound a maximum of 6 times in 30 seconds cycles.

## LCD REMOTE CONTROL TRANSCIVER

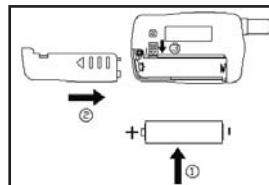


**Note:\*\*\*\*** If the system is interfered with by stronger radio frequencies, sources of high voltage, electric power or obstacles like tall buildings, the transmission range may get shorter as this system uses a low powered output frequency.

### A. BATTERY REPLACEMENT:

A **1.5V type AAA Alkaline battery** powers the **Remote Transmitter**.

When the power of the battery weakens, a icon will be displayed on the LCD screen. When the old battery is replaced with a new one, a beeping sound will indicate the power is up and the clock on the LCD screen will return to **AM12:00** after displaying all the icons. Reset the correct time by pressing **F** for **3 seconds** before using the remote control (**See Timer Setting.**) **Press the button twice when the battery compartment is empty, then insert the new battery.**



**Note: Press the button [2] times with the battery removed from the remote, then insert the new battery.**

### B. THE REMOTE LCD ICON DESCRIPTION CHART :



#### Door Lock

Your vehicles doors are locked.



#### Door Unlock

Your vehicles doors are unlocked and the system is disarmed.

#### ARMED Armed Mode

Your vehicle is in the armed mode.



#### Valet Mode

All the function shall be temporarily on hold.

## OPERATION

### S. DOME LIGHT CONVENIENCE DELAY AND SUPERVISION

The alarm has a unique feature which will turn on your vehicles Dome Light as follows:

1. Upon disarming, the dome Light will remain on for 30 seconds.
2. If the vehicle is intruded, the dome Light will flash for the same duration as the siren.

**Note:** Turning "ON" the ignition switch or arming the alarm will turn off the dome light.


### T. IGNITION CONTROLLED DOOR LOCKING AND UNLOCKING

(See Alarm Feature II-3 Programming.)

1. Turn the ignition switch "ON" and close all the vehicle's doors. After 3 seconds, the system will automatically lock the central locking system.
2. Turn the ignition switch "OFF". The system will automatically unlock the central locking system.

### U. TRUNK RELEASE (CHANNEL 3) OUTPUT. CHANNEL 3 TIMER CONTROL OUTPUT



(See Alarm Feature III-3 Programming.)

Press and hold the  button on the transmitter for (2) sec. to open the trunk release or any other electric devices that has been added to this output.



Channel 3 is user-programmable timer output. You may program the built-in timer to send a ground signal for any time interval between 1 second and 2 minutes. For instance, this timer output may be used to turn on the headlights, power windows or sunroof. **NOTE:** Factory default setting at 1 second pulse grounded for trunk release output.

### V. CHANNEL 4 TIMER CONTROL OUTPUT

Press the transmitters  and  buttons at the same time to activate the "Channel 4 function". Channel 4 is a user-programmable timer output. You may program the built-in timer to send a ground signal for any time duration from 1 second to 120 seconds. For instance, this timer output may be used to turn on the headlights, power windows or sunroof. (The factory default setting is a momentary output.)



### W. POWER ON MEMORY:

This security system is equipped with circuitry that will allow the unit to remember its alarm state if the vehicle's battery power is disconnected.

## OPERATION

### Trunk/ Hood Trigger



### Doors Trigger



### Shock Sensor Trigger



### Ignition Trigger



### Warn-away Trigger



**CLEARING THE FLASHING ICON AND MELODY:** While triggering the alarm the LCD screen will alert the user with a melody and flashing trigger icon. Pressing the **F** button 3 times within 3 seconds will clear the flashing icon and stop the melody on the LCD screen transceiver.

**STOP THE MELODY ONLY:** While triggering the alarm, the LCD screen will alert the user through a melody and flashing trigger icon, press any button on the LCD remote transceiver to stop the melody only.

**NOISE ABATEMENT CIRCUIT:** Your system has a "Noise Abatement Circuit". This feature prevents annoying repetitive trigger sequences due to a faulty door pin switches or environmental conditions such as thunder, jackhammers, airport noise, etc.

Here's how the "Noise Abatement Circuit" works: The alarm triggers five times. Each time, the same sensor or switch is triggering the alarm, the "Noise Abatement Circuit" will interpret this pattern of triggers or false alarms. After the fifth trigger, the "Noise Abatement Circuit" ignores, or bypasses, that sensor until another sensor or switch is triggered. The "Noise Abatement Circuit" covers the doors (doors, hood and trunk) differently: If the alarm is triggered by an open door for six full cycles, the doors will be bypassed until the trigger ceases.

### O. ANTI CAR- JACKING

**Warning:** If you don't need the car jacking function in this alarm system, be sure to set car jacking feature to the "OFF" setting. This system default setting for car-jacking is "OFF".

## OPERATION

### ACTIVE ANTI CAR-JACKING:

1. Press and hold the transmitters **⏏** and **⏏** buttons at the same time for **2 seconds** while the vehicle's ignition is "ON". The parking lights will turn "ON" for **1.5 seconds** to indicate the system is in the "Car-jacking Mode".
2. Once the system is in "Car-jacking Mode" and you are forced from the vehicle, the system will trigger when the door is opened and closed while the ignition is in the "ON" position.

### PASSIVE ANTI CAR- JACKING:

1. Turn the ignition switch to the "ON" position for entering the "Car-jacking Mode".
2. Once the system is in "Car-jacking Mode" and you are forced from the vehicle, the system will trigger when the door is opened and closed while the ignition is in the "ON" position.

### TRIGGER THE ANTI CAR -JACKING MODE:

- a). **50 seconds after the system has been triggered.** The siren will start chirping for 15 seconds.
- b). **During the 15 second period of chirping,** you must push the valet switch once to turn off the car-jacking feature. If not, it will enter the second timer **Anti "Car-jacking Mode"**.
- c). **65 seconds after the system has been triggered,** the siren will start alarming and the parking lights will continue flashing
- d). **90 seconds after the system has been triggered**
  1. The siren will continue alarming and the parking lights flashing.
  2. The starter disable will activate to prevent the vehicle from starting.
  3. This will remain active until the vehicle's battery power is diminished.

### OVERRIDE THE SYSTEM TO TURN OFF ANTI CAR- JACKING:

Turn the ignition switch from the "OFF" to "ON" position, and **within 10 seconds** push and release the **valet/program switch**, the siren will stop and the system is disarmed.

**Note: If you use password pin code to double protect the vehicle security, you will need to use it to completely disarm the system.**

## OPERATION

### P. SYSTEM'S TRIGGER CHECK (For two-way transceiver operation only)

Press the transceiver **F** button first, **within 3 seconds** press the **⏏ (C)** button. It will respond with one melody sound and all trigger's records will immediately be displayed on the LCD screen.

**Note: If there is no response you are out of range.**

### Q. SYSTEM'S STATUS CHECK (For two-way transceiver operation only)

When you want to check the system's present status through the LCD screen, press the transceiver **F** button **twice, within 3 seconds** press the **⏏ (C)** button. It will respond with one melody sound, the LCD screen should be illuminated.

**Note: If there is no response you are out of range.**



### R. DRIVER PAGING (For two-way transceiver operation only)

It is useful in the event that someone wants to page the driver of the parked vehicle.

#### Indoor Driving Paging

Under the ignition switch "off" condition, press and hold the valet switch for 2 seconds to page the driver, one chirp sound shall be emitted from the vehicle and the paging melody sound continues on your Remote LCD transceiver and "🔔" indication flashes on the LCD screen.

#### Outdoor Driving Paging

If someone tries to page you by tapping the paging (knock) sensor (optional) which is usually mounted on the bottom part of front window, the paging melody sound continues sounding on your Remote LCD transceiver and "🔔" indication flashes on the LCD screen.

1. Press the transmitter **F** button first, within 3 seconds press **⏏ (t)** button to activate outdoor driver paging function, It responds with chirps of the vehicle, a melody sound and "🔔" indication flashes on the LCD screen to confirm the function is on.
2. When tapping the paging (knock) sensor, one chirp sound shall be emitted from the vehicle and the paging melody sound continues sounding on your Remote LCD transceiver and "🔔" indication flashes on the LCD screen.
3. Turn on the ignition switch; OR press the **⏏** button to arm the system; OR press the **⏏** button to disarm the system, this outdoor driver paging function will exit.